



# भारत का राजपत्र

## The Gazette of India

प्राधिकार से प्रकाशित

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नई विल्ही, रानियार, सितम्बर 7, 1968 (भाद्र 16, 1890)

No. 36]

NEW DELHI, SATURDAY, SEPTEMBER 7, 1968 (BHADRA 16, 1890)

इस भाग में भिन्न पुळ संख्या वी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके।  
Separate paging is given to this Part in order that it may be filed as a separate compilation.

## भाग III—खण्ड 2

## PART III—SECTION 2

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और दिवाहनों से सम्बन्धित अधिसूचनाएं और नोटिस

## Notifications and Notices Issued by the Patent Office relating to Patents and Designs

## THE PATENT OFFICE

## Patents and Designs

Calcutta, the 7th September 1968

## Application for Patents

The dates shown in crescent brackets are the dates claimed under Section 78A of the Act.

17th August 1968

117292. V. Chhaganbhai, R. Vithalbhai, C. Vithalbhai, M. Ishwarlal, P. Jerambhai, G. Jerambhai, C. Jerambhai and A. K. Jerambhai. A contrivance for controlling the striking device in a wall clock.

117293. S. S. De Sarkar and K. S. Parthasaradhi. Transmission and reception of Morse telegraph signals using 50 c/s signalling voltage in high voltage A.C. electrified traction area.

117294. V. R. Barge. An apparatus for imparting basic concepts of vulgar fraction and or decimal fraction.

117295. V. R. Barge. An apparatus for improving handwriting of school going children.

117296. Dr. K. Sobti. A device to prevent car thefts.

117297. Ciba Limited. Pharmaceutical preparations containing glucose compounds, glucose derivatives and process for their manufacture. [Divisional date 18th October 1967].

117298. Ciba Limited. Pharmaceutical preparations containing glucose compounds, glucose derivatives and process for their manufacture. [Divisional date 25th October 1967].

117299. Ciba Limited. Pharmaceutical preparations containing glucose compounds, glucose derivatives and process for their manufacture. [Divisional date 27th October 1967].

117300. Gould-National Batteries Inc. Improvements in or relating to storage battery container.  
 117301. R. T. Ranade. Transistorized transmission gate.  
 117302. A. C. Patel. Improvements in or relating to stacking bins.  
 117303. Imperial Chemical Industries Limited. Polyurethane Jaegers. (31st August 1967).  
 117304. Monodra Nath Sanyal, Karunananda Acharya and Badyanath Neogy. Improvements in or relating to automatic control device for steplessly altering the speed of the output shaft of an infinitely variable speed control machine.

19th August 1968

117305. P. S. Mehta. Manner of reducing weight and manufacturing costs of lead-acid type electric storage cells and batteries.  
 117306. F. C. Mendoza. Improvements in and relating to a transportation system.  
 117307. R. S. Baria. Method for fire proof wood.  
 117308. T. M. I. K. Rao. Compound power turbine-design 5.  
 117309. T. M. I. K. Rao. Compound power turbine-design 4.  
 117310. T. M. I. K. Rao. Compound power turbine-design 3.  
 117311. T. M. I. K. Rao. Compound power turbine-design 2.  
 117312. Westinghouse Electric Corporation. High speed interphase switching arrangement.  
 117313. Westinghouse Electric Corporation. Overload protection replica relay device.  
 117314. Siemens Aktiengesellschaft. Rectifier arrangement.  
 117315. Kureha Kagaku Kogyo Kabushiki Kaisha. Agricultural fungicide and bactericide, a process for the preparation of same and a process for controlling rice blast.

- 117316 Vsesojuzny nauchno-issledovatelsky institut antibiotikov. Method of preparing 4 dimethylamino-1, 1, 4a, 5, 5a, 6, 11, 12a-octahydro-3, 6, 10, 12, 12a-pentahydroxy-6-methyl-1, 11-diketonaphthalene-2-carboxamido-N-methyl-aminoacetic acid monohydrate.
- 117317 Faudi Feinbau GmbH. A filter element.
- 117318 L. S. Wakankar and S. Ramu. Improved system of making matrices or designs for composing devanagari and similar scripts.
- 117319 Kishor Pumps Private Limited. Improvements in or relating to centrifugal pump.
- 117320 Shell Internationale Research Maatschappij N. V. polypivalolactone yarn. (21st August 1967).
- 117321 The Dunlop Company Limited. Improvements in and relating to textile yarns. (25th August 1967).
- 117322 United States Steel Corporation. Method and apparatus for continuously casting metal.
- 117323 Miles Laboratories, Inc. Composition and method for determination of coupling compounds.
- 117324 Speedfam Corporation. Lapping machine.
- 117325 Ciba Limited. Pesticidal preparations.
- 117326 Ciba Limited. Latent hardener.
- 117327 The Techni-Chem Company. Process for preparing caprolactam and its alkyl substituted derivatives. (28th May 1968).
- 117328 Stauffer Chemical Company. Functional fluid composition.
- 117329 Monsanto Company. Phytotoxic compositions and methods.
- 117330 Madan Ag. Process for preparing substituted phenylacetic acids.
- 117331 N. V. Philips Gloeilampenfabrieken. Radiation source comprising a gas discharge tube and a luminescent screen.

20th August 1968

- 117332 Westinghouse Electric Corporation. Grading and cascading circuit for lightning arresters having a plurality of spark gaps.
- 117333 M. K. R. Panicker. A process for nitrating organic compounds and preparation of trinitro compound therefrom.
- 117334 M. K. R. Panicker. Single stage preparation of Nitrogen, phosphorous, potash mixture from insoluble phosphate material and preparation of ammonium phosphate therefrom.
- 117335 Glaxo Laboratories Limited. Improvements in or relating to cephalosporin compounds. (21st August 1967).
- 117336 Glaxo Laboratories Limited. Improvements in or relating to cephalosporin compounds. (21st August 1967).
- 117337 Glaxo Laboratories Limited. Improvements in or relating to cephalosporin compounds. (21st August 1967).
- 117338 Uniroyal Enelebert France. An improved tire building machine.
- 117339 Parke, Davis & Company. Novel quinazoline compounds and process means for producing the same. (11th September 1967).
- 117340 U. Kuhlmann. Improvements in or relating to a process for the manufacture of sulfuric acid by catalytic oxidation.
- 117341 Norton Company. Abrasive saw and manufacture thereof.
- 117342 American Cyanamid Company. Novel pyridinium salts and process for preparing same.
- 117343 E. Merck Aktiengesellschaft. New pharmaceutical compositions,

- 117344 Societe Anonyme Francaise Du Ferodo. A multi-tube radiator.
- 117345 Vsesojuzny Nauchno-issledovatelsky Institut Neftokhimicheskikh Protsessov. Process for the production of alkylene glycols.
- 117346 Y. G. Ghaisas and S. R. Apté. An apparatus to afford protection against the effects of phase failure in polyphase electrical installations. [Addition to No. 109472].
- 117347 Her Majesty's Postmaster General. Wire connectors. (6th October 1967).
- 117348 Allen & Hanburys Limited. Improvements in or relating to pharmaceutical compositions. (21st August 1967).
- 117349 Ciba Limited. Disazo and polyazo dyestuffs, process for their manufacture and use.
- 117350 Central Glass Co., Ltd. Processes for producing polychlorinated ethanes and polychlorinated ethylenes.
- 117351 Badische Anilin & Soda-Fabrik Aktiengesellschaft. Production of ammonium sulphate by the gypsum method.
- 117352 Knapsack Aktiengesellschaft. Process for reducing the 2-chlorobutadiene-(1,3) und benzene contents of 1, 2-dichloroethane recovered from 1, 2-dichloroethane thermally cracked into vinyl chloride.
- 117353 Institut Francais Du Petrole, Des Carburants Et Lubrifiants. Nickel  $\pi$ -allyl halogenoacetates their manufacture and use as catalysts for the stereospecific polymerization of unsaturated organic compounds.
- 117354 Algemene Kunstzijde Unie N. V. Improvements in or relating to floor covering and a process for the manufacture of the yarn used therein.
- 117355 Algemene Kunstzijde Unie N. V. An improved process and apparatus for the expansion of a crimped yarn.
- 117356 Algemene Kunstzijde Unie N. V. An improved method and apparatus for box-crimping synthetic yarns.
- 117357 Union Carbide Corporation. Method and apparatus for localizing overload failure in alkali metal conductors.
- 117358 Sandoz Ltd. Anthraquinone dyes, their production and use.
- 117359 Sandoz Ltd. Anthraquinone dyes, their production and use.
- 117360 Sandoz Ltd. Anthraquinone dyes of low solubility in water, their production and use.
- 117361 Ciba Limited. A granular material containing oily or liquid therapeutically usable furanosides, a process for its manufacture, and its use for the manufacture of tablets or dragees.
- 21st August 1968
- 117362 Schering Aktiengesellschaft. New 11-halogenostroids.
- 117363 A. Wehner. Screening machine. (25th June 1968).
- 117364 Rovensky Zavod Vysokovoltnej Apparatury. High-voltage switch drive.
- 117365 I. Chaliba. Variable drive means.
- 117366 Beni Limited. Improvements in or relating to means for mounting sprocket or gear wheel on an unmachined shaft. [Addition to No. 115703].
- 117367 Sherritt Gordon Mines Limited. Production of elemental sulphur and iron from iron sulphides. (25th August 1967).
- 117368 Midland Silicones Limited. Polymer compositions. (31st August 1967).
- 117369 Farbenfabriken Bayer Aktiengesellschaft. N-trityl-imidazoles and salts and uses thereof.
- 117370 Albert Alpin. X-Ray contrast preparations.

117371. American Hospital Supply Corporation. Starch plasma expanders and process of preparation.
117372. Ciba Limited. Disazo and polyazo dyestuffs, process for their manufacture and use.
117373. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Thermoplastic moulding compositions.
117374. Chinoin Gyogyszer Es Vegyeszeti Termek Gyara Rt. Process for the preparation of succinimide derivatives. [Addition to No. 88675].
117375. Ciba Limited. Process for the manufacture of acetic acid compounds containing phosphorus.
117376. Minnesota Rubber Company. Sealing device.
117377. Simas. Improvements in or relating to kitchen gadgets.
117378. N. V. Philips Gloeilampenfabrieken. Method of providing a getter of alkaline earth metal in an incandescent lamp.
117379. G. S. Vishwanath and B. S. Narayan. An apparatus to switch off three phase electric motors running under single phasing conditions.
117380. C. S. Rao. Improvements in or relating to demountable boxes or crates.

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117381. Ciba Limited. Process for the manufacture of new amines.
117382. International Standard Electric Corporation. Translator arrangement.
117383. N. V. Philips' Gloeilampenfabrieken. A radio receiver and a transmission system incorporating the same for reproduction of stereophonic signals. [Divisional date 23rd May 1967].
117384. Research Corporation. Method of applying oleaginous material on water surface.
117385. Harbenfabriken Bayer Aktiengesellschaft. Herbicidal compositions.
117386. M. & T. Chemicals Inc. Process for preparing organotin mercapto compounds. [Divisional date 21st March 1967].
117387. Mo och Domsj Aktiebolag. Process for controlling chrysosporium lignorum in lignocellulosic material.

23rd August 1968

117388. Mrs. Kamalabai Narayan Rashinkar. Improved switch for dry cell holding torch.
117389. S. R. Kasat. Improvements in or relating to mechanised threshing machine.
117390. R. S. Aggarwal. Improvement in or relating to bobbins for winding or wrapping synthetic textiles yarns upon them.
117391. I. R. Geigy A. G. Process for the production of novel nitosuryl derivatives. (26th August 1967).
117392. P. D. Powell. Selector switch cleaner.
117393. Massey-Ferguson (Australia) Limited. Removal of trash from crops. (6th September 1967).
117394. Compagnie Des Ateliers Et Forges De La Loire (St-Chamond, Firminy, St-Etienne, Jacob Holtzer). Device for forcing crankshafts and the like.
117395. F. D. Dodds. Textile backing material for pile fabrics. [Addition to No. 112124].
117396. Ciba Limited.  $\alpha$ -hydroxy-2-oxo-1-azetidine methane carboxylic acid esters.
117397. Organon Laboratories Limited. Substituted methylene steroids and their preparation. (25th August 1967).
117398. Harris-Muff, Inc. Method of producing an initial thermal arrest in the cooling curve of hypereutectic cast iron.
117399. Henkel & Cie. GmbH. Improvements in moulding materials.

117400. Roussel-Uclaf. Process for the preparation of water-soluble, antibiotic derivative of chloramphenicol. (12th February 1968).
117401. Euro-Can Investment Corporation Ltd. Apparatus and process for providing direct contact between a liquid and one or more other fluids.

#### Alteration of Date

117007. Ante-dated to 21st February 1967 under Section 5 of the Act.

#### Applications Accepted

Notice is hereby given that all persons interested in opposing the grant of patents on any one of the applications referred to below may at any time within four months of the date of the Gazette of India give notice to the Patent's Office in the prescribed form No. 6 of the Indian Patents and Designs Rule, 1933, of such opposition.

A limited number of printed copies of the specifications in the following list will be available for sale from the Government of India Book Depot, 8, Hastings Street, Calcutta, in due course. The price of each specification is Rs. 2 (postage extra, if sent out of India). Requisition for the supply of printed specifications should be accompanied by the numbers of specifications as shown in the following list.

It required typed copies of the specifications together with copies of drawings, if any, can be supplied by the Patent Office on payment of the necessary charges which may be ascertained on application to the office.

The dates shown in crescent brackets are the dates allowed under Section 78-A of the Act.

107933. M. I. Khorana and V. K. Parameswaran. A new method for the concentration of a dilute solution of hydrazine hydrate. Accepted on 14th August 1968.

*Passing hot vapours containing hydrazine hydrate and water upwards a column packed with glass beads where it comes into contact with xylene.*

107953. Alpine Chemische Aktiengesellschaft. Process for the production of perborates. [Addition to No. 105319]. Accepted on 14th August 1968.

*Hydrogen peroxide is reacted with solid borate in presence of more than one mol. of water both in relation to the amounts of borate and hydrogen peroxide.*

108001. E. I. du Pont de Nemours and Company. An improved fluid separation apparatus, method for multi stage separation of fluid, an improved method of producing a fluid separation apparatus and a fluid separation system using said fluid separation apparatus. Accepted on 16th August 1968.

*Comprises in combination, an elongated fluid-tight casing assembly closed by cast polymeric walls and containing hollow filaments surrounded by a porous sleeve member and conduit means to permit fluid movement into and out of the chamber.*

108004. Amar Dye-Chem Limited. New azo dyestuffs and their manufacture. Accepted on 17th August 1968.

*Coupling the alkaline solution of the diazonium compound of a 2-naphthyl amino-1-sulfonic acid with a neutral solution of a hydroxynaphthalene derivative.*

108069. H. F. A. Lopse. Reactor for carrying out reactions in a gaseous phase by heterogeneous catalysts. Accepted on 20th August 1968.

*Comprising at least one wall delimiting catalyst bed through which gas flows has two surfaces across gas filled interspace, the with openings so dimensioned as to produce pressure drop of 1-1.00 times the one caused by gas flow in remainder of reactor.*

108089. Spetsialnoe Konstruktorskoe Bjuro Chesalnykh Mashin. A card. Accepted on 17th August 1968.

- Includes a shut-off arrangement having separate air ducts for periodical and simultaneous elimination of flat strips and waste and intake organs made as a couple of rollers
- 108090 Spetsialnoe Konstruktorskoe Bjuro Chesalnykh Mashin A card Accepted on 17th August 1968  
*Characterised in the condenser in the form of a rectangular chamber, being divided into two sections by a rotating perforated disc, one section having nozzle, near duster comb and the other connected to fan*
- 108096 W Krause, H Krause and D Rosenkranz, Method and apparatus for continuously treating textile threads and yarns Accepted on 20th August 1968  
*The thread is blown or injected by the treatment medium heated from 60°C to 200°C into a treatment chamber with lateral openings so as to treat yarn in the loose state*
- 108192 Ljuberetsky Ordona Lenina I Ordona Trudovogo Krasnogo Znameni Zavod Selskokhozyaistvennogo Mashinostroenia imeni Ukhтомskogo, Cane harvester Accepted on 20th August 1968  
*A fender is provided between the conveyor and chopper removing*
- 108193 Ljuberetsky ordona Lenina i ordona Trudovogo Krasnogo Znameni Zavod selskokhozyaistvennogo mashinostroenia imeni Ukhтомskogo, Moskovskoi oblasti, Ljuberetsky Cane stem chopper. Accepted on 22nd August 1968  
*Causing polymeric wall material to deposit pan of discs, a leaf remover, a plurality of knife discs, a plurality of pocket discs*
- 109319 The National Cash Register Company Treatment of minute capsules in liquid to inhibit clustering Accepted on 16th August 1968  
*Causing polymeric wall material to deposit from aqueous sol thereof on entities of nucleus material dispersed therein walls being hardened by cross-linking agent in presence of cationic surfactant material*
- 109331 J Asbjorna A water-jet engine operated by the action of cavitation Accepted on 16th August 1968  
*Comprises a tubular hollow member having a liquid inlet opening and jet opening at the front and back thereof respectively and formed with a pressure-reducing tube section of decreasing cross-sectional area communicated to said first opening*
- 109341 J R Geigy A. G Process for the dyeing and printing of synthetic fibre materials Accepted on 16th August 1968  
*Treating the synthetic fibre materials with coumarin imide derivatives which are water dispersible dyestuffs containing no water solubilizing groups which dissociate and in water.*
- 109351 Ceskoslovenska Akademie Ved Method for removing defects of shape of hydrophilic lens. Accepted on 17th August 1968  
*Characterised by that lens or their prefabricates are shaped at a temperature higher than the softening temperature by pressing them into defined surfaces and subjecting them to a final grinding and polishing by means of conventional machinery grinding and polishing tool after cooling them below the glass transition point or the room temperature in the purposely deformed state described.*
109359. Gebrüder Hönsberg Automatic adjusting device for cutting tools (7th February 1967) Accepted on 17th August 1968  
*Cutting tool being mounted to move in a tool head, a crystalline ceramic body being arranged in the tool head behind the tool and having piezo electric properties and being provided with an electrical connection and being mounted on an adjusting device*
- 109372 Aluminium Laboratories Limited Distillation of metal chlorides Accepted on 17th August 1968  
*Comprising heating the metal chloride to a temperature below its normal boiling point in the presence of gaseous aluminium chloride or ferric chloride.*
- 109377 T B Shaw A device for generating high frequency audio outputs suitable for use in repelling pests. Accepted on 19th August 1968  
*Comprises a generator of audio frequency, amplifying means, output means gating means and means for synchronizing*
- 109413 E I du Pont de Nemours and Company Novel crotonamides compounds and process for preparing the same Accepted on 21st August 1968.  
*Reacting phenyl urea with an  $\alpha$ -substituted acetoacetate.*
- 109488 Council of Scientific and Industrial Research. Improvements in or relating to vacuum valves Accepted on 22nd August 1968  
*Having a valve disc having means to support a packing ring of a wedge or trapezoidal construction and internally stiffened with circumferential cord the ring being supported over the valve disc*
109687. Imperial Chemical Industries Limited Process for the oxidation of unsaturated compounds. (22nd March 1966) Accepted on 19th August 1968  
*Comprises contacting an olefinic compound and molecular oxygen with a solution comprising a palladium salt, a carboxylic acid etc.*
- 109745 Hercules Incorporated Acid stabilized, base reactive water-soluble wet-strength resins Accepted on 20th August 1968  
*Reacting polyamine with diglycolic acid, treating reaction product with epichlorohydrin and reaction resin formed with aqueous solution of water soluble acid.*
- 109899 S K Palnitkar An improved seed and seed-cum-fertilizer drim Accepted on 20th August 1968.  
*Comprising three type share bottoms fixed with the help of clamps and nut bolt to an angle iron draw bar, in which is mounted a box containing the seed and fertilizer*
- 109921 Schenectady Chemicals, Inc Polyester-polyimide, and electrical conductors coated therewith. Accepted on 21st August 1968.  
*Wherein at least 20% of the alcohol component of the polyester is triis (2-hydroxyethyl) isocyanurate.*
- 110229 Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning Water-soluble monoazodyestuffs and process for their preparation and process for dyeing or printing fibrous textile materials with said dyestuffs Accepted on 20th August 1968  
*Comprises diazotizing amine like 2-amino-6 (N-methyl-N ethionyl)-aminobenzothiazole and coupling with 1 mol of coupling component like 1-(4<sup>f</sup>-sulfonylphenyl)-3-methyl-5-pyrazolone.*
- 110321 Fisons Pest Control Limited Process the manufacture of 2 trifluoromethylbenzimidazoles of 2-trifluoromethylimidazopyridines (4th May 1966) Accepted on 20th August 1968  
*Comprises condensing the corresponding 1, 2-phenylene diamine or 2, 3-or 3, 4 pyridine diamine with trifluoroacetic acid*
- 110419 Scientific Mechanic Works Bearing assembly for spindles Accepted on 21st August 1968  
*Comprising a bolster having a neck bearing provided at its upper end on a seat formed at the inside of the bolster, the section of the bolster being stopped near its lower end to form a seat for the upper end of the damping means*

110578. Scott Paper Company. Copolymerization of cellulose with ethylenically unsaturated compounds. Accepted on 20th August 1968.

*Characterised by forming a thiocarbonate derivative of cellulose comprising cellulose mono and dithiocarbonate or cellulose dithiocarbonic acid and reacting said thiocarbonate derivative with at least one ethylenically unsaturated monomer in the presence of a free radical initiator.*

110904. N. V. Philips Gloeilampenfabrieken. A dispense cathode and method of manufacturing the same. Accepted on 22nd August 1968.

*Comprises, 93% by weight tungsten powder mixed with 6.8% weight of barium carbonate, calcium carbonate and aluminium oxide and 0.2% by weight of sugar.*

111031. B. N. Basack. Pilfer Proof capsule. Accepted on 20th August 1968.

*Characterised by that at the inside of the skirt of the capsule is formed an integral rim or abutment which is constrained to slip over the rim on the bottleneck.*

111136. Gillette Industries Limited. Improvements in or relating to safety razor blades. (16th June 1966). Accepted on 20th August 1968.

*Comprising two blade strips of steel each having one only of its longitudinally extending edges sharpened, and resiliently flexible coupling means securing the blade strips together with their sharpened edges parallel to and closely adjacent another.*

111429. The Dunlop Company Limited. Improvements in or relating to tyres. (13th July 1966). Accepted on 22nd August 1968.

*Comprising a tread portion provided with a series of ribs, and a shoulder portion having a ground contacting surface which is divided in a smaller areas in the form of protruberances.*

111663. Universal Oil Products Company. Catalytic dehydrogenation of paraffinic hydrocarbons. Accepted on 21st August 1968.

*Comprising contacting it with a catalytic composite comprising alumina, alkali metal, a group VIII noble metal and a metallic component selected from arsenic, antimony and bismuth or compounds thereof.*

111830. Joseph Lucas (Industries) Limited. Solenoids. (19th August 1966). Accepted on 21st August 1968.

*Comprising a two part body carrying the winding assembly within which the solenoid plunger slides, one part of the body having the pole of the solenoid formed integrally therewith.*

112047. Universal Oil Products Company. Process for the production of gasoline. Accepted on 17th August 1968.

*Comprising hydrotreating refractory oil in presence of sulphur resisting catalyst and via king the last portion of the said hydrotreated product and recovering the gasoline.*

112178. Ranco Incorporated. Controlled electric power supply network for a load e.g., refrigeration apparatus. Accepted on 21st August 1968.

*Comprising trigger responsive gated switch means including a gate electrode adapted when triggered to send the switch means operating, trigger producing circuit means comprising first and second regeneratively interconnected transistors.*

112324. W. L. Sherwood. Continuous steelmaking method and apparatus. Accepted on 19th August 1968.

*Comprising continuously melting a charge of metallic iron, fluxes and alloys, charged from a charge end opening, in the melting zone, continuously advancing the liquid metal and slag from the melting zone to the refining zone, and continuously refining the metal by contact and reaction with slag under conditions of controlled agitating and advancing action provided by rotation of the inner furnace walls and controlled heating within the refining zone by a discharge end baffle directed into the discharge end, and discharge means for removing liquid steel and slag.*

112378. Pirelli Societa Per Azioni. Isolatable joint for oil-filled high-tension electric cables. Accepted on 20th August 1968.

*Wherein the casing enclosing the joint comprises parts movable to permit access thereto such that the joint can be broken electrically while keeping the cable ends hermetically sealed.*

112482. International Standard Electric Corporation. Analog-to-digital multiplex coder. [Addition to No. 107288]. Accepted on 17th August 1968.

*Coder comprising pulse generating means, binary counting means comprising a m-position transmission counter and a 2<sup>n</sup> position coding counter receiving stepping signals from a first and second frequency dividing circuit the first and second decoding means associated with counters.*

112588. N. V. Philips Gloeilampenfabrieken. Methods of producing a semiconductor device and semiconductor device produced by said method. Accepted on 22nd August 1968.

*Comprising a patterned layer of silicon oxide sunk in the silicon body over at least part of its thickness is provided by masking the surface of the silicon body locally against the oxidation of the silicon body locally against the oxidation during the oxidizing treatment.*

113055. M. F. Adaglio. Warning device for cylinders for liquified gas under pressure. Accepted on 17th August 1968.

*Comprising a chamber having two orifices communicating with a cylinder and each provided with a flap valve, the flap valve of first orifice being urged towards its closure by a movable weight immersed in liquid in cylinder, and the flap valve of second orifice being acted by gas pressure in cylinder to urge it into its open position.*

113241. Knapsack Aktiengesellschaft. Process for the manufacture of vinyl acetate. Accepted on 17th August 1968.

*Characterised in continuously reacting ethylene acetic acid and molecular oxygen in presence of cycle gas containing 5-60% by volume of carbon dioxide.*

113723. Norton Company. Heat treatment method and kiln. Accepted on 20th August 1968.

*Comprising two elongated parallel heating chambers intersecting along adjacent sides providing a path for article movement, each chamber having an entry duct to introduce oxygen containing, gas tangentially to provide helical flow path of opposite direction to that of the other chamber.*

114039. K. P. Bhave and V. N. Moigaoonkar. An improved apparatus for protecting three phase operated electrical equipment from single phasing and/or lowering of voltages. Accepted on 17th August 1968.

*Characterised in that the secondary voltages of a constant voltage transformer and three single phase transformer connected to the supply are rectified and compared and the difference is applied to control a transistor to operate a relay.*

114466. Saunders Valve Company Limited. A ball valve seating ring. (13th February 1967). Accepted on 21st August 1968.

*Comprises an annular body having a cylindrical part providing an end surface shaped to serve as a seating for the spherical surface of the ball of a ball valve.*

117007. E. I. Du Pont De Nemours and Company. Novel herbicidal compositions containing crotouamides. [Divisional date 21st February 1967]. Accepted on 21st August 1968.

*Containing a crotouamide and a carrier.*

#### Opposition Proceedings

(1)

The opposition entered by Everest Refrigerants Limited to the grant of a patent on application No. 84447, made by S. C. Johnson & Son Inc., as notified in Part III, Section 2 of the Gazette of India dated the 9th May, 1964 has been allowed.

(2)

The opposition entered by Prakash Chand Jain & Others to the grant of a patent on application No. 98072, made by Bhagwandas Purushottam Asar, as notified in Part III, Section 2 of the Gazette of India, dated the 9th February, 1967, has been dismissed.

#### Printed Specifications Published

A limited number of printed copies of the undernoted specifications are available for sale from the Officer-in-Charge, Government of India, Central Book Depot, 8, Hastings Street, Calcutta, at two rupees per copy :—

79382. 79396. 79408. 79409. 79472. 79592. 79729. 79879. 79987. 80159. 80203. 80240. 80243. 80261. 80354. 80360. 80384. 80508. 80543. 80557. 80558. 80559. 80717. 80809. 80818. 80822. 80831. 80832. 80855. 80881. 80886. 80889. 80894. 80895. 80897. 80899. 80925. 80943. 80960. 80999. 81015. 81018. 81034. 81051. 81052. 81069. 81098. 81107. 81151. 81182. 81239. 81240. 81283. 81307. 81358. 81422. 81467. 81525. 81546. 81789. 81862. 81890. 81926. 81984. 82005. 82049. 82086. 82106. 82162. 82168. 82248. 82358. 82379. 82412. 82459. 82489. 82499. 82529. 82837. 82949. 83015. 83030. 83064. 83084. 83103. 83343. 83497. 83513. 83537. 83541. 83892. 83978. 84032. 84101. 84115. 84146. 84383. 84473. 84613. 84860. 87587. 88976.

#### Patents Sealed

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#### Amendment Proceedings

(1)

The amendment proposed by Argus Chemical Corporation in respect of patent application No. 97155 as advertised in the Gazette of India, Part III, Section 2, dated the 27th April, 1968 has been allowed.

(2)

The amendment proposed by Metalashik Limited in respect of patent application No. 100566, as advertised in the Gazette of India, Part III, Section 2, dated the 4th May, 1968 has been allowed.

(3) .

The amendment proposed by Ishikawajima Harima Jukogyo Kabushiki Kaisha in respect of patent application No. 103531, as advertised in Gazette of India, Part III, Section 2 dated the 27th April, 1968 has been allowed.

(4)

The amendment proposed by Farbenfabriken Bayer Aktien-Gesellschaft, in respect of patent application No. 106681, as

advertised in the Gazette of India, Part III, Section 2 dated the 27th April, 1968 has been allowed.

#### Renewal Fees Paid

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#### Extension of the Term of Patents

Notice is hereby given that a petition under Section 15 of the Indian Patents and Designs Act, 1911 for the extension of the term of Patent No. 47982 for "An Improved process for electrolytic production of High purity Manganese Dioxide" has been left at the Patent Office on behalf of National Research Development Corporation of India, Mandi House, Lytton Road, New Delhi-1. The petition may be inspected at the Patent Office, 214, Lower Circular Road, Calcutta-17. Any person desirous of opposing the grant of extension of the term of this Patent shall within two months from the date of this notification lodge with the Controller of Patents and Designs at the above address, a notice on Form 6 of the Indian Patents and Designs Rules, 1933 and shall at the same time serve a copy of such notice upon petitions C/o, Patents Officer, Council of Scientific and Industrial Research, M-15, New Delhi South Extension Part II, New Delhi.

#### Cessation of Patents

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**Registration of Designs**

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Indian Patents and Designs Act.

The date shown in each entry is the date of registration of the designs including the entry.

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

**Copyright Extended for a Second period of Five Years**

Design No 117615 Class.—5.

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